

Roghayeh Sheervalilou

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

644
citations

623734

14
h-index

642732

23
g-index

43
all docs

43
docs citations

43
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances on nanomaterials-based fluorimetric approaches for microRNAs detection. <i>Materials Science and Engineering C</i> , 2019, 104, 110007.	7.3	70
2	Curcumin-loaded mesoporous silica nanoparticles/nanofiber composites for supporting long-term proliferation and stemness preservation of adipose-derived stem cells. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119656.	5.2	59
3	COVID-19 under spotlight: A close look at the origin, transmission, diagnosis, and treatment of the 2019-nCoV disease. <i>Journal of Cellular Physiology</i> , 2020, 235, 8873-8924.	4.1	51
4	Magnetic Hyperthermia as an adjuvant cancer therapy in combination with radiotherapy versus radiotherapy alone for recurrent/progressive glioblastoma: a systematic review. <i>Journal of Neuro-Oncology</i> , 2021, 152, 419-428.	2.9	35
5	The role of autophagy in controlling SARS-CoV-2 infection: An overview on virophagy-mediated molecular drug targets. <i>Cell Biology International</i> , 2021, 45, 1599-1612.	3.0	33
6	A new insight on serum microRNA expression as novel biomarkers in breast cancer patients. <i>Journal of Cellular Physiology</i> , 2019, 234, 19199-19211.	4.1	31
7	Electrochemical Nano-biosensors as Novel Approach for the Detection of Lung Cancer-related MicroRNAs. <i>Current Molecular Medicine</i> , 2019, 20, 13-35.	1.3	30
8	An update of the recombinant protein expression systems of Cyanovirin-N and challenges of preclinical development. <i>BiolImpacts</i> , 2018, 8, 139-151.	1.5	22
9	A general view of CD33 ⁺ leukemic stem cells and CAR-T cells as interesting targets in acute myeloblastic leukemia therapy. <i>Blood Research</i> , 2020, 55, 10-16.	1.3	21
10	Application of Nanobiotechnology for Early Diagnosis of SARS-CoV-2 Infection in the COVID-19 Pandemic. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2615-2624.	3.6	20
11	Application of nanoparticles in cancer therapy with an emphasis on cell cycle. <i>Cell Biology International</i> , 2021, 45, 1989-1998.	3.0	20
12	Emerging importance of nanotechnology-based approaches to control the COVID-19 pandemic; focus on nanomedicine iterance in diagnosis and treatment of COVID-19 patients. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102967.	3.0	19
13	Recent advances in iron oxide nanoparticles for brain cancer theranostics: from <i>in vitro</i> to clinical applications. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1-29.	5.0	17
14	Association of Polymorphisms within HOX Transcript Antisense RNA (HOTAIR) with Type 2 Diabetes Mellitus and Laboratory Characteristics: A Preliminary Case-Control Study. <i>Disease Markers</i> , 2022, 1-11.	1.3	16
15	Swimming training by affecting the pancreatic Sirtuin1 (<i>SIRT1</i>) and oxidative stress, improves insulin sensitivity in diabetic male rats. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019, 40, .	0.7	15
16	Relationship between <i>miR-143/145</i> cluster variations and cancer risk: proof from a Meta-analysis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 578-591.	1.1	15
17	SNPs in the 5'-untranslated region of SLC30A8 confer risk of type 2 diabetes mellitus in a south-east Iranian population: Evidences from case-control and bioinformatics studies. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 979-988.	1.9	14
18	Circulating MiR-10b, MiR-1 and MiR-30a Expression Profiles in Lung Cancer: Possible Correlation with Clinico-pathologic Characteristics and Lung Cancer Detection. <i>International Journal of Molecular and Cellular Medicine</i> , 2019, 8, 118-129.	1.1	14

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19	A binuclear iron(III) complex of 5,5-dimethyl-2,2'-bipyridine as cytotoxic agent. <i>BioMetals</i> , 2020, 33, 365-378.	4.1	13
20	An updated overview and classification of bioinformatics tools for MicroRNA analysis, which one to choose?. <i>Computers in Biology and Medicine</i> , 2021, 134, 104544.	7.0	13
21	An Updated Review on Implications of Autophagy and Apoptosis in Tumorigenesis: Possible Alterations in Autophagy through Engineered Nanomaterials and Their Importance in Cancer Therapy. <i>Molecular Pharmacology</i> , 2021, 100, 119-143.	2.3	12
22	New Insights into the Importance of Long Non-Coding RNAs in Lung Cancer: Future Clinical Approaches. <i>DNA and Cell Biology</i> , 2021, 40, 1476-1494.	1.9	12
23	Employing bioinformatics analysis to identify hub genes and microRNAs involved in colorectal cancer. <i>Medical Oncology</i> , 2021, 38, 114.	2.5	11
24	Swimming training attenuates pancreatic apoptosis through miR-34a/Sirtu in1/P53 Axis in high-fat diet and Streptozotocin-induced Type-2 diabetic rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1439-1446.	1.9	10
25	SARS-CoV-2 and influenza viruses: Strategies to cope with coinfection and bioinformatics perspective. <i>Cell Biology International</i> , 2022, , .	3.0	10
26	Functional Variants of miR-143 Are Associated with Schizophrenia Susceptibility: A Preliminary Population-Based Study and Bioinformatics Analysis. <i>Biochemical Genetics</i> , 2021, , 1.	1.7	8
27	Long noncoding RNA HOTAIR polymorphisms and susceptibility to bipolar disorder: a preliminary case-control study. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2022, 41, 684-701.	1.1	8
28	Functional miR143/145 Cluster Variants and Haplotypes Are Associated with Chronic Kidney Disease: a Preliminary Case-Control Study and Computational Analyses. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 1532-1544.	2.9	7
29	Convalescent Blood: Current Perspective on the Efficacy of a Legacy Approach in COVID-19 Treatment. <i>Blood Purification</i> , 2021, , 1-14.	1.8	7
30	Relationship Between CASP9 and CASP10 Gene Polymorphisms and Cancer Susceptibility: Evidence from an Updated Meta-analysis. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 4172-4196.	2.9	7
31	8-Alkylmercaptocaffeine derivatives: antioxidant, molecular docking, and in-vitro cytotoxicity studies. <i>Bioorganic Chemistry</i> , 2021, 111, 104900.	4.1	4
32	IL1A and IL1B gene polymorphisms and keratoconus susceptibility: evidence from an updated meta-analysis. <i>Ophthalmic Genetics</i> , 2021, 42, 503-513.	1.2	3
33	Evaluation of Diagnostic Modalities for SARS-Cov-2: A Review Study. <i>International Journal of Epidemiologic Research</i> , 2021, 8, 129-137.	0.4	3
34	Frequency and Correlation of Common Genes Copy Number Alterations in Childhood Acute Lymphoblastic Leukemia with Prognosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3493-3500.	1.2	3
35	Machine learning as new promising technique for selection of significant features in obese women with type 2 diabetes. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020, 41, .	0.7	2
36	Relationship between Single Nucleotide Polymorphisms of and Schizophrenia Susceptibility: A Preliminary Case-Control Study and Bioinformatics Analysis. <i>International Journal of Molecular and Cellular Medicine</i> , 2020, 9, 154-164.	1.1	2

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37	Novel Insight Into the Association Between Obesity and Hepatocellular Carcinoma Occurrence and Recurrence: High-Throughput Microarray Data Set Analysis of Differentially Expressed Genes. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 1169-1180.	2.1	2
38	Chromium (III) Complexes of 4,5-diazafluoren-9-one Ligand as Potential Anti-proliferative Agents: Synthesis, Characterization, DNA Binding, Molecular Docking and Cytotoxicity Evaluation.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 618-635.	0.5	2
39	Association of IL-1Ra Ser133Ser Variant with Susceptibility to Immune-Mediated and Inflammatory Diseases: A MetaAnalysis of 2622 Cases and 3854 Controls. <i>Iranian Journal of Public Health</i> , 2020, 49, 2320-2329.	0.5	1
40	In Silico and Experimental Analysis of miR-125b-5 and miR-485-5p Expression in Serum of Patients with Breast Cancer. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2022, 11, .	1.2	1